

Diamond Drimmy

010

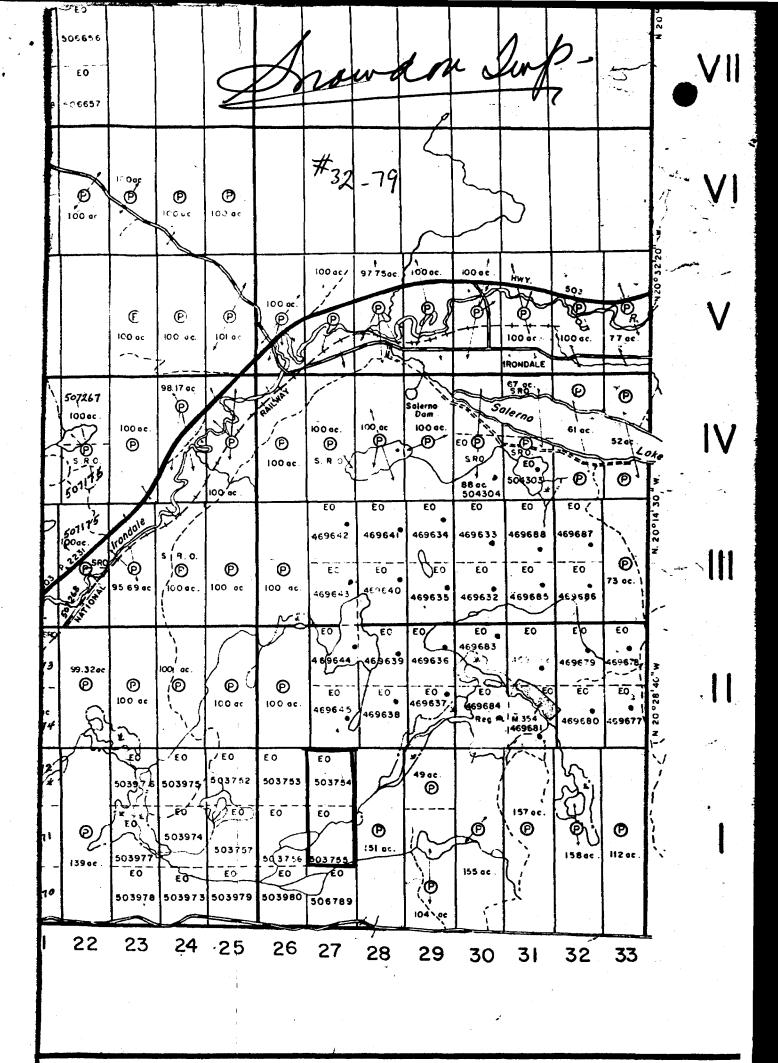
Township of SNOWDON

Report NO 13

Work performed by: St. Joseph Explorations Limited

Claim N9	Hole Nº	Footage	Date .	Note
E0503754-5	S-71	156M	Feb/79	(1)
	S-72	186M	Feb/79	(1)

Notes: (1), #32-79



- 4194

ST JOSEPH E	XPLORATIONS	LIMITED	DRILL LOG		HOL		O. s		-		SH	1	of .
OPERTY	TP OR AREA	AZIMUTH	DATE STARTED		CORRE	CTED X				CATION SKE	TCH OF H	OLE	
SALERNO LAKE	SNOWDON TWP.	290°	Feb. 3, 1979		Depth					EO.	£0.503		
ROJECT	LOT & CONC.	DIP	DATE COMPLETED						!	503753		-2/	
3188	Lot 27 Conc I	-45°	Feb. 6, 1979		156m	316°	306°	50°	1 7		5-10		
AIM NO.	CO-ORDINATES.	LENGTH	DRILLED BY						1 /	EO. 503756		175	
EO 503 7 55	4 + 55N	156 m	St.Lambert Dri	lling			ļ		'	303136	E0.503	755	
NID NO.		COLLAR ELEV.	LOGGED BY			ļ <u> </u>	 						
SOUTH WEST (overla		960.7	D. Robertson				1	<u> </u>	1'20,000				
METRES SECTION	1	DESCRIPTION		SAMPLE	NO. FRO	M	то	LENGTH		AS	SAYS		
-	OBJECTIVE: To to	est a geochemical a	anomaly, a Zn								I		
	show	ing and an I.P. and	omaly										
.0 1.9	OVERBURDEN	The state of the s				_							ļ
													
9 22.0	Crow Dolonitis C	alaitia Martia and	Grey Silicated Do	om² + ²	0 053	_ ,_],_		<u> </u>	 		_		
.9 22.0					.e Car	CIGIC	Man	оте					
			cally c.g. calcition	-					 				
	marble. Disser	minated f. to m.g. sional biotite.Min	or and random eac-						 				
				<u> </u>					 				+
	unit. Local si	mall calcite vuggs	<pre>cattered throughout (@6.7m)</pre>			-							\vdash
		inated grains and											
· ·			it. with increased										
- I		graphite content.	Get local finely										
		laminated bands (m	m scale) 17.0-17.4					_					
		Serpentine alterat:	<u>ion is dominant in</u>										
		this unit.											
		variable owing to							 				1_
			there are sections			_							-
	more graphitic	; sections more ca	lcitic; more altere	d					 			· · · · · · · · · · · · · · · · · · ·	<u> </u>
	sections w/ser	pentine; variable	phlogopite content.					·	 				
	The mix of spe	cific units are to	o small to break										1
	down, but would	d always fall unde	r a dolomitic marb	<u>е. </u>					 				1-
									 				1
2.0 24.2	Calcitic Marble	with Silicated Cal	citic Marble						<u> </u>				t-
			f. to m.g. calcition										
			dissem. grains and										
		lus minor biotite.											
	and serpentine	. Silicated section	ons 23.1-23.3 and										
	23.4-23.6 and	23.8-24.0. Minor	py & po - trace of										<u> </u>
	cpy at 23.25 m	. Locally the phl]				ļ
	oxidized.												
1 1	11					ı	ŀ		R I	1	l		1

ETRE	S	SECTION	DECCRIPTION					Α.	SSAY	5	
ROM	ТО	1"=	DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH	A:	3 3 A 1 4	.	
4.2	25.5		Banded Pyritic Phlogopitic Calc. Silicate								Ţ
			v.f.g. med.grey to dark grey and Fe oxide red fine					 			
			laminations. C.A. irregular and contorted between 70°-90°. V.f.g. py - po 5-6% V.f.g. oxidized phlog. 6-10%. Dark grey to black finely lamellae					 		<u></u>	_
			70°-90°. V.f.g. py - po 5-6% V.f.g. oxidized					 		 	_
		¥	phlog. 6-10%. Dark grey to black finely lamellae				<u> </u>	 		ļ <u>-</u>	-
		₽ I⊩	(mm scale) probably of diop - quartz + graphite.		ļ		- 	 			4
	ļ	∄ 	Minor c.g. diop. and local serp. alteration.					 			+
								 			#
5.5	25.9		Quartz Diopside Rock - pale grey f. to c.g. Minor			<u> </u>		 			\perp
		₽ L	phlogopite restricted to narrow bands. Trace of			<u> </u>					4
	-	╬┤╟	<pre>py & po. An aqua-green mineral at 25.7 believed to be anhydrite.</pre>			ļ		 			4
,		-{	to be anniquitte.			 	 	 		 	†
		1 [1
5.9	27.1	∦ } ⊩	Intermixed Diopside, Quartz and Banded Calc, Silicate	ROCK	ļ	 -		 		ļ	4
	ļ	-lk -	Lt.grey with med. to dark grey irregular bands.			 	1	 			+
		╂╏	Banding weak and contorted, Swirls of (1) diop +		<u> </u>	 -		 			+
		<u> </u>	<pre>quartz + graphite, (2) quartz + graphite w/minor diop (3) black v.fine lamellae of calc. silicate</pre>								†
		<u> </u>	and graphite w/minor quartz and diopside. Very								T
		<u> </u>	and graphite w/minor quartz and diopside. Very narrow bands and swirls of oxidized phlog. Minor								Ι
	ļ <u>.</u>	-{E -	serp. Py + po 2-4% usually disseminated.			ļ	ļ	 			1
	-}	╂╟		 	<u> </u>	}	- 	 			+
27.1	30.1	-{ }	Silicated Calcitic Dolomitic Marble - off-white to			 	1	 			\dagger
			buff, f. to m.g., somewhat mottled. A mixed secti	on							T
			w/varying proportions of diop, and calcite in pred a dol, marble. Abundant phlog (oxidized locally).								Ţ
		-K H	a doi, marbie, Abundant philog. (Oxidized locally).				1	 			十
			Local quartz patches. Dissem. py + po. Traces of graphite.				-	 <u> </u>			t
]									1
0.1	31.2		Intermixed Diopside, Quartz and Banded Calc, Silicat	e Rock				 		······································	╀
		1:	Lt. to med.grey w/dark grey bands, fine to med.gr.				1	 			t
		1 1	Faint irregular banding that is contorted and							· · · · · · · · · · · · · · · · · · ·	T
]	swirled. Unit is pred. diopside with quartz as								Į.
		_}	streaks and bands (mm scale). V.f.gr., fine lamel			<u> </u>		 L			.].
		_ F	of diop + quartz + graphite and calc. silicate. Narrow bands of oxidized phlog. Py + po 1% dissem				.	 			L
		_ ‡				ļ	.	 			1
	-}	- t	Minor grey dolomitic marble.	 		 	.}	 			F
		_ၨͿ႞			L	L	. .	 			

METRE	5	SECTION	DESCRIPTION			¥*****			ASSAY	S	
FROM	TO	1"=	DESCRIPTION .	SAMPLE NO.	FROM	TO	LENGTH				
1.2	31.9	-	Grey Dolomitic Marble - med.grey, m.gr.; faint bandi			<u></u>				<u> </u>	↓_
			Minor streaks of calcite. Trace disseminations of	L1			<u> </u>				
			py + po (2%). Minor oxidized phlog.								
				L		ļ	 			<u> </u>	
	- 22 2	ŀ -	Delemitic Markle affichite	<u></u>		-	ļ			-}	
.9	32.2	F -	Dolomitic Marble - off-white, m.gr., py + po 2% fine	 Y 	·				 	-	┼─
		ļ -	dissem. Traces of calcite. Minor phlog.	 			 			-}	
		t -	31.9 - very minor flecks of sphalerite.	 			 			 	+-
	 	ŀ					 		+	+	+
. 2	39.7	F 1-	Grey to Grey Banded Dolomitic Marble - med. to steel			 	 		+	-	+-
		!	grey, f. to m.gr. Faint to weak banding in short	 			 		+	 	+-
	· · · · · · · · · · · · · · · · · · ·		sections. C.A. 86° - 90°.			<u> </u>	 			 	+
	****	╟╏	Minor phlogopite (10%). Minor calcite as fine			İ			 	+	+
			stringers and matrix. Occasional serp. patches				 		1	†	+
	····		assoc. w/phlog. Py + po finely disseminated 1-2%.			<u> </u>			1	†	1
	•	1: II	Locally find minor diop. Random v.fine black								+
		te i i	lamellae of calc silicate and graphite (i.e. 38 9			 				 	+
		FI	lamellae of calc. silicate and graphite (i.e. 38.9 to 39.2). Gradational into next unit.			 			1		\top
9.7	41.1	k 1 1	Interlayered Grey Dolomitic Marble and Diopside, Qua	rtz and	Calc.	Silic	te				
		F 1	Lt. to dark grey, f.gr., fair banding though				<u> </u>				
		<u> </u>	irregular. mm scale irregular bands of: 1) calc.siliçate & graphite, w/minor diop - quar			l					
		# #	l) calc.siliçate & graphite, w/minor diop - quar	z.					ļ	<u> </u>	↓_
<u> </u>		#	2) diopside - quartz	<u></u>		ļ	 			ļ	-
· · · · · · · · · · · · · · · · · · ·		# I	3) evaporite - diopside and quartz.			<u> </u>	 -		ļ	<u> </u>	—
	· · · · · · · · · · · · · · · · · · ·	4 1 1	Minor serp, and phlog, in association.	 	····	<u> </u>				<u> </u>	—
····			40.9 - get what appears to be a chert pebble with oxidized section.			 	 	 	 	 	₩
	<u> </u>	╂╢	40.9-41.1 - get incr. of irregular bands of				 		 	 	╌┼──
	<u> </u>	-{ · } }	evaporite or Mg carbonate. Assoc. with a						 	 -	+
· · · · · · · · · · · · · · · · · · ·		∦ ∦	black-green serp.						+	 	-
		╬╏	Gradational into next unit.			***********	 		 	 	+
		1 }	Gradational Into heat diff.						 	 	+
	†	₹ 					 		†		
1	72.8		Grey to Grey Banded Dolomitic Marble - It. to med.gr	ey.					 		
	1	1	f, to m.gr., faint to fair banding. C.A. variable							<u> </u>	
		1									
]	40°-85°. Minor calcite, evaporite, and diopside stringy bands and patchés. Locally get more graph	itic							
		.F	sections. Traces of phlog. Py + po as dissem.								
		a. 1 1	grains and spots.	1							

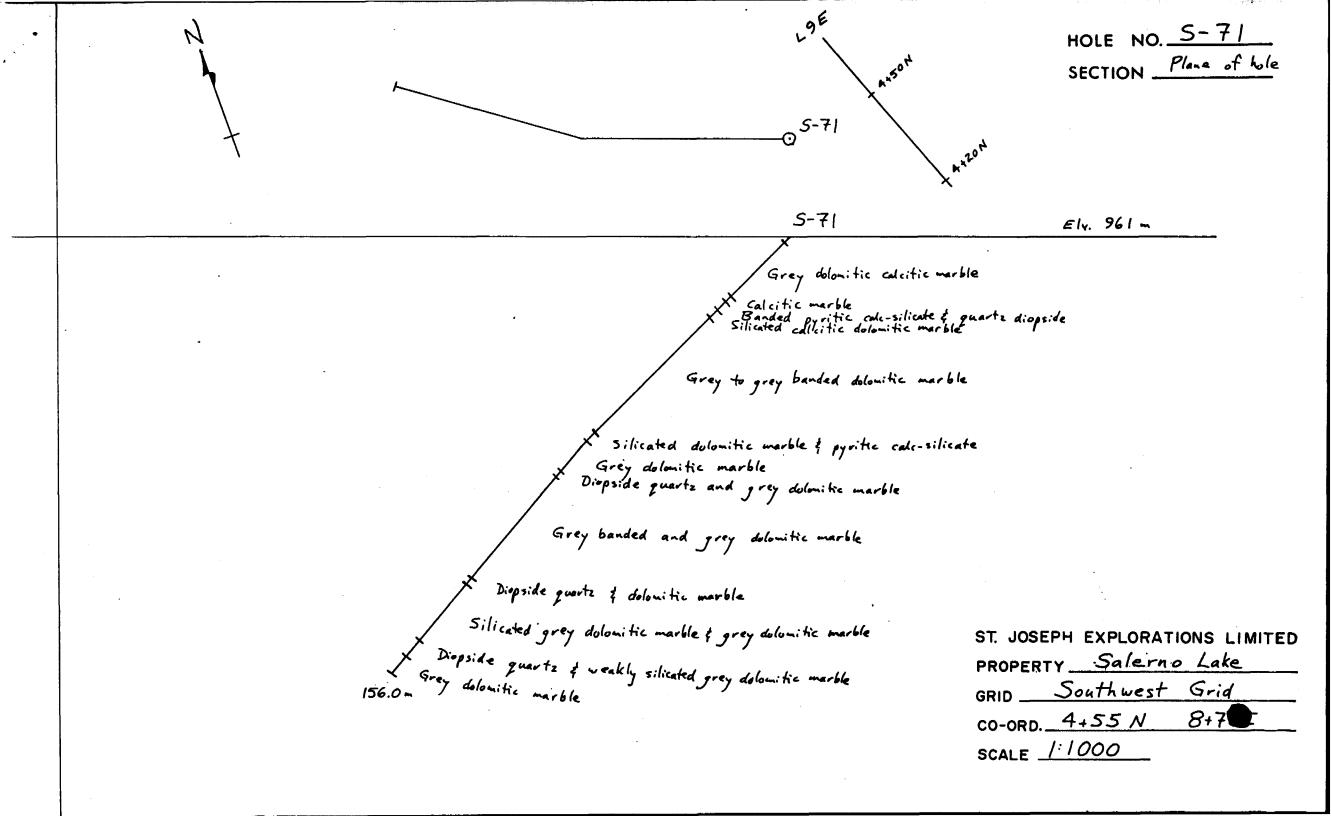
METR	TC.	CECTION										
FROM	ES TO	SECTION	DESCRIPTION	SAMPLE NO.	FROM	то	LENGTH		ı	ASSAY	S	
41.1	72.8	1	(cont'd)								T	T
		†	Intermittently thru section get short sections									
		16 1	w/incr dion content Minor spotty sern Speck									
		TF 1	of sphalerite at 45.7 m. Cleaner (off-white to lt.									
			grey colour) dol, marble f, to m.gr., faintly									
			banded 53.2 to 54.3 and 59.5 to 60.7 and 64.0 to 6	5.8;	<u> </u>	<u> </u>						
]	68.3 to 70.7. This entire section exhibits subtle			ļ			<u>. </u>			
] }	repeated changes to small to tenable breaking down			ļ			<u> </u>	<u> </u>		
		<u> </u>	of smaller units.				.	ļ			_	
	<u> </u>	_1		<u> </u>		<u> </u>						
	-	<u>.</u> }		<u> </u>		ļ				ļ		
72.8	73.1	- -	Silicated Dolomitic Marble - off-white, f. to c.g.,	 								
	<u> </u>	-1	slightly mottled, fetid. Darker grey diop. and			<u> </u>		ļ	 			
		_}}	pale green serp. patches. Minor calcite. Py + po	¥						 		
		-JF	dissem. (1%).				<u> </u>	 	ļ	<u> </u>	4	
	+	- - -			 	ļ	-		· 	· 		-
73.1	73.9	-∦:	Pyritic Calc. Silicate - dark brownish-grey, v.f.g.,	-	 	 	-	<u> </u>		- 	 	
73.1	13.9	- ∦- │ │		 			 			-		
ļ		-∦ I I	faintly banded. Py - po 15-20%. Minor calcite.		ļ	 			 		 	
<u> </u>		-	Intermixed patches of partially serp. diop.	 		 		-	 		 	+
 	-			 		ļ <u>.</u>			 	 	+	+
73.9	74 4	{}	Cilianted Delemitic Markle among off white for the	 	 	 			 		 	
13.9	1/4.4	-	Silicated Dolomitic Marble - cream off-white, f. to			ļ	 		 	 	+	
	 	1	m.gr., slightly mottled, fetid. Unit similar to 72.8 to 73.1.			ļ	·	 	· 	 	-	+
		<u> </u>	72.0 (0 /3.1.	1			 		· 	 		
	<u> </u>	-r		1		 	- 		 		·	·
74.4	76.1	-	Pyritic Calc. Silicate - similar to 73.1 to 73.9.			1			 			
		<u> </u>	Unit more homogeneous - not as many random patches	3					1	1		1
			of partially serp. diop.								1	
		□ F										
	·											
76.1	79.2		Dolomitic Marble - Off pale white, tinge of green,									
		<u> </u>	f. to m.g., somewhat mottled. Dissem. pv + po									
			2-5%. Minor diop. and serp. Short sections							<u></u>		
		_ -	calcitic. Conc. of py + po >5% at 77.2 to 77.4. Short section of grey dol. marble 76.3 to 76.7.									
	_		Short section of grey dol. marble 76.3 to 76.7.	ļ						<u> </u>		
	<u> </u>				<u> </u>	 _			ļ		<u></u>	
 	_	_ - [<u> </u>	ļ				<u></u>		
		4			 	 					<u></u>	
	_	_}			 	 	.	<u> </u>	ļ <u>.</u>	L		
	_			 	ļ	ļ			<u> </u>			
	1	t l	·		<u> </u>		<u> </u>					<u></u>

ST	JOSE	РН Е	RPLORATIONS LIMITED DRILL LOG	F	IOLE	NO	S-71	-			SHEET_	
METH	RES	SECTION	DESCRIPTION	SAMPLE N	O. FROM	то	LENGTH			ASSAY	s	
79.2	86.6		Grey Dolomitic Marble - lt. to med. grey, f. to m.g			·				1		
	1	t	Ouite variable both in mineral constituents and									
		1	physical texture. Variability is restricted to									
][short sections. In the unit you find sections as	•						<u> </u>	ļ	
<u> </u>		.	l) a lt. to med. grey, f. to m.g, dol. marble.		_		<u> </u>		.	· 	· 	
<u> </u>		}	Traces of py & po dissem.		_	ļ	ļ			ļ	 	
ļ	<u> </u>	#	2) grey dol. marble w/minor to substantial calc	ite		ļ	ļ		 	<u> </u>		
 	 	1	content occurring as narrow (mm scale) strea and patches (mm to cm scale)	ks		 	1		 	·		
	+	╂	3) graphitic-rich grey dol, marble w/minor phlo			 	 	 	 	<u> </u>	1	
		1	Po & py dissem, 1%.	9	 	 					1	
	 	1	4) grey dol. marble w/irregular and contorted									
		F	swirls of calcite - diopside.						 		 	
]	5) grey dol. marble w/irregular diop quartz									
]	and serp. patches and bands predominates 85.3 to 85.8.									
		<u>l</u> t				<u> </u>					<u> </u>	
		1	83.00-83.8 - get an extensively altered section			ļ						
ļ			which is soft and crumbly consisti	d g	<u> </u>	ļ	·			 	<u> </u>	
 		-	of serp, carbonate, phlog, disse	<u> </u>	-	 			ļ	 	 	
 	-}	1 1	py & po 2%. Do find a narrow quar wedge at 83.45 m.	t z	-				 	 	 	
		#	wedge at 65,45 m.	╂			 		 	 		
		1				İ						
86.6	88.4		Intermixed Diopside and Quartz with Grey Dolomitic	Marble								
			Lt. greenish-grey to med. grey, f.g., irregularly									
		1	mottled. Patchy and swirls of diop quartz and						ļ			
		- ♣	serp. Minor calcite and phlog. Short sections of	4	_				 	ļ		 .
 		-	finely laminated calc. silicate and graphite.			ļ	ļ			<u> </u>	<u> </u>	
-		-	Py & po 2-5% v. finely dissem.	╂		ļ	 		 	<u> </u>		
1	_	+		1	 		 		 			
88.4	88.5	1 1	Banded Pyritic Calc. Silicate - brownish-grey, v.f.	d	 			-	 	 	 	
			weakly banded. Py - po 15-20%. Fine lamellae of						1			
] F	graphitic calc. silicate. Similar to 74.4-76.1.									
		_ J F										
		_										
88.5	123.7	#	Grey Banded and Grey Dolomitic Marble - med. grey,	_	 	ļ				 	<u> </u>	
1		- ∤: \	f. to m.g., faint to fair banding. C.A. 70°-80°		1	}	1		 			
		-t	but variable. Minor calcite stringlets and small		 -	 			 		 	
1		-{	but variable. Minor calcite stringlets and small patches. Occasional patches and narrow swirls of diop. Py & po (1-2%) finely dissem. Short section	ns		 					 -	
	-	- [of calc. sil. + graphite (cm scale) finely lamina	ted.	-	 			h ··	——	 -	
		- [(cont'd)	7==	·			- 1			 	
11	l	1	(60.16 4)	И	<u> </u>	<u> </u>	<u> </u>		<u> </u>	I	<u> </u>	

METRI	ES	SECTION	DESCRIPTION							ASSAY	S	
FROM	то	l"=	DESCRIPTION	SAMPLE NO	FROM	TO	LENGTH			433AT	<i></i>	
38.5	123.7		(cont'd)									1
			94.9-95.3 - short section of v.f.q. diop quartz			<u> </u>					ļ	
			poss. calc.sil. Very pyritic though			<u> </u>						
		}	v.f.g.(10%). Large calcite veins disc	ordant.		<u></u>			-			_
		F L	poss. calc.sil. Very pyritic though v.f.g.(10%). Large calcite veins disc Flecks of sphalerite at 97.2-97.3, 100.65, 103.5,	103.95.	ļ						↓	
	·	<u> </u>			ļ				<u> </u>			
		<u> </u>			 		 					
23.7	125.7	lt	Interlayered Diopside Quartz Rock with Dolomitic Mar		<u> </u>	 				.		
-		∯ -	Pale grey, f. to m.g. sections weakly banded-irreg	-	 	ļ	<u> </u>			+	+	╫
,		∦ ∸	ular. The unit is pred. a f.g. diop, pale grey wi	th	<u> </u>	 	ļ			 		
		₹ 1 1	mm scale irregular bands and streaks of smokey quartz. Serp. alteration patches. Py & po 3%	 	 	<u> </u>					+	+-
		╫╴╽╟	quartz, serp, alteration patches, Py & po 3%							+	 	
·····		{	dissem. Phlog. dissem. 5%. Minor calcite. Short sections of a pale buff white dol. marble with min			 				 	 	┥┈
······································		↓ -		<u> </u>		 	 			1	 	+-
		 	diop., calcitic. Py & po dissem. 1%.		 	 	- 			 	 	+-
		╂ │ ╟			 	†				1	 	+
25.7	144.8	₭ ! 	Silicated Grey Dolomitic Marble and Grey Dolomitic M	arble	<u> </u>	ļ	 			1	 	╁
		1	Lt. to med. grey, f. to m.g., somewhat mottled	·	 	1						1
		1			 					 		+
		16 I I	appearance. Diopside is lighter w/darker med.grey grains in the dol. marble having a patchy appearan	ce.					- 11			1
			Minor calcite patches and seams. Dissem. traces of	£								
			phlog. & graphite. Py & po finely dissem. 1%. Flecks of sphalerite at 139.2, 139.4, 139.5 140.2									
]	140.6, 140.8 142.2, 143.0.									
										ļ		↓_
44.8	150.3	±t 1 ⊩	Interlayered Diopside Quartz Rock with a Weakly Sili		rey Do	LOWILI	c Marb	<u>Le</u>				
		# 	144.8-145.3; 146.4-146.9; 147.7-148.6; 149-6-150.3		 		<u> </u>			ļ	<u> </u>	-
	-	-∯r I ∦-	are sections of a pale grey(greenish tinge) f.g.				<u> </u>				 	
	 	ᆧ I ⊩	diopside-quartz rock with short sections weakly banded. Minor phlog. as dissem, grains & conc.				 			<u> </u>	 	-
		-	banded. Minor phiog. as dissem, grains & conc.		·	 					 	-}
	1	-11:	steaks. Dissem. py & po 2-3%, locally greater.	 	 		1				 	-}
	 	-¶ ∦-	Patch serp. alter'n and minor calcite. 145.3-146.4; 146.9-147.7; 148.6-149.6 - a med.grey	 	 	 	+			 		╁╾
	<u> </u>	-∦ -			 		 		· · · · · · · · · · · · · · · · · · ·	 	 	╁╴
	 	- t -	f. to m.g. weakly silicated dolomitic marble. Diop. as darker grey patches, occasional diop. &			 	 					
	 	-1	quartz. Weakly calcitic section. Traces of finel	v			1					1
	 	┰ │ ╟					1			 	l	+
	1	Ŧ¦ ┞	dissem.graphite. Py & po dissem. 1%			<u> </u>	t				 	-
	†	t			 	†	†					-
					 	· +			 		H	

ST JOS	ЕРН	EX	PLORATIONS LIMITED DRILL LOG	Н	OLE	NO	S-71	_	, , , , , , , , , , , , , , , , , , ,		SHEET _7	- OF -
METRES FROM TO	SECTI	ON	DESCRIPTION	SAMPLE NO	FROM	то	LENGTH			ASSAY	S	
150.3 156	.0:		Grey Dolomitic Marble - med. grey, f. to m.g., local faint banding. Minor calcite, trace of diop., graphite. Dissem. py & po 41%.									
156.0		-	END OF HOLE						<u> </u>			
			Casing pulled, no cement.									
			Core recovery - near 100%									
·		-	M. South									
			W. 30°									
	<u>_</u>											
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ROPERTY SALER	NO LA	KE	TP OR AREA SNOWDON TWP.	AZIMUTH 290°	February 7, 19	979	Depti	TED XXXX	Brg Dip	L.	OCATION SKE	TCH OF HO	S S
188			Lot & conc. Lot 27 Conc. I	DIP -45°	DATE COMPLETED February 12,	1979	102m	304° 2	94° -47°		EO. 5037 5 3	275.	1
AIM NO.			co-ordinates. 6 + 31N	LENGTH 186 m	St. Lambert Dr	illing			96° –46°			₹ 0.	80 S-72
	(overlanWest	_	9 +68E	COLLAR ELEV. 958.3	LOGGED BY Dennis Roberts	son				1:20,000		503754 ED. 50375	
METE	RES	SECTION		DESCRIPTION		SAMPLE	NO. FRO	м то	LENGTH		AS	SSAYS	
ROM	10	["s			ANOMATH CAN OHOUT		NO. PRO	m 10	LENGTA	1	 	γ	
				P. ANOMALY	ANOMALY, ZN SHOWI	N G							
	4.3	-	OVERBURDEN							<u> </u>	 		
0.0	4.3		OVERBURDEN										
		 -											
4.3	4.45		Granitic Boulde	r		1				-			
4.45	44.5			d Grey Banded Dolo ey, f. to m.g., fa	omitic Marble with I	Minor I	Interl	ayered	Diopsid	e & Qu	artz		
					ions fetid. Regula	3		·			 		
		F	and irregular	interlayering of	diop quartz-ric	<u>1</u>							
		<u>{</u>	banded dol. m	arble. Fine black	lamellae of graph	itic				 	<u> </u>		
		!		(mm scare). Diop lustered patchy gr	o, usually a darker	 				 	 		
		 		key grey patch gra		<u> </u>		,				·····	
		1	Difficult to	break out grey ban	ded dol. marble un								
	<u></u>	#	because of co	mplex intermixing	of diop quartz. . marble have only	_				_	ļ		
		1			ve diop quartz					1	 		
					lly more concentra								
	- ····	!	2-5%. Short	minor section of c	alcitic dol. marble	≱			<u> </u>	.	ļ		
 			between 29.1	ches and veinlets.	Serp. patches								
		1	8.1-8.3 and	14.3-14.5 - pyrit	ic calc. silicate					1	<u> </u>		
		I	9.6-10.0 an	d 22.9-23.4 - shor	og. t section of pred.					<u> </u>			
			dio	pside quartz rock. alerite at ll.5, l	E 7 15 0 0F 1					 			
		†	riecks of spn	aterite at 11.5, 1	.J. 1, 13.7, 43.4.								
л e	40 7		Altored Calcuts	a Dalamitic Marti	hu66 . h. h. h. 1								
4.5	48.7	#			 buff-white to large altered w/incr. 					 	 		
		1		on and calcificati		-				1	 -		
	 	-{t	crumbly.	VII WILL CULCULATED	(cont'd)	1	-			- 	 		

METR	ES	SECTION	DESCRIPTION	SAMPLE NO.	FROM	ТО	LENGTH			ASSAY	S	
	66.8		Interlayered Diopside, Quartz, Calc. Silicate and Dolo					τ		Υ	T	\top
±•0	00.0	·	generally a pale to med, grey w/greenish and beige				1			1	1	1
		- -	sections f to m a w/local c a sections							†	1	十
			sections, f. to m.g. w/local c.g. sections. An interlayering of:							ļ —		1
			a) diop and serp diop - quartz - patches and									
			bands (cm scale)									
		F 1 1	b) quartz bands w/possible f.g. diop usually as b	ands.								L
			c) quartz and black finely laminated calc.silicat with a somewhat altered dol, marble w/abundant phlo	e						1		\perp
				g								
		<u> </u>	and calcite locally. Serp. patches random. The			<u> </u>				<u> </u>		\perp
·		F <u> </u>	phlog. occurs as narrow seams. Minor altered diop.		ļ							\perp
			Throughout the unit dissem, and local conc. of py	†	ļ	<u> </u>				ļ		
		<u> </u>	po_l=3%_variable	<u> </u>			ļ					4
		ŀ I	* Unit might be an interlayered quartz diopside	<u> </u>						ļ		1
		F	paragneiss - owing to content of minerals.								 	_
		ţ			<u> </u>	ļ				ļ	 	4
6 0	81.1		Grey Dolomitic Marble - med.grey, f. to m.g., section	J		<u> </u>	·				 	_
0.0	91.1	┡┞	weakly banded. C.A. variable about 80°, slightly			 	-			<u> </u>		+
	······································	F		∄	 	 				 	 	+-
			fetid. Minor diop. patches and swirls also calcite seamlets. Locally more graphitic-rich sections.	1	 	<u> </u>			· · · · · ·	 		╁
			Traces of py + po (<1%). Occasional serp. alteration	on	 		1		·	 	 	╌
		le II	natches w/closely assoc phlos	1		ļ ————	1					+
		F	patches w/closely assoc. phlog. Gradational into next unit.	 	 					<u> </u>	 	十
				1							1	+-
		t		1		<u> </u>			····			十
1.1	82.0	<u>k</u> 1 1	Weakly Silicated Polomtic Marble - pale grey, m.g.,									
		F	Minor diopside - quartz. Dissem. py + po (2%)									T
			locally more conc. Traces of tremolite.									
												
		Ł II		1								丄
2.0	89.9	∄ 	Dolomitic Marble - lt.grey, f. to m.g., somewhat moti	red.							<u></u>	
		4 1	Minor diop. (darker grey patches). Altered serp.	↓							<u> </u>	\bot
	ļ	! [patches somewhat calcitic locally thru unit. Minor	1	ļ		 				 	- -
		ł	random phlog. Traces of dissem.py + po - speck of	сру.			 				 	- -
	ļ <u>.</u>	¥-	Fleck of sphalerite at 89.1 and 89.6.								ļ	-
		. []		 						 		- -
	00 4	t	Cilianted Char Polamitia Marble 1t to mad ever f	 	 -		 			 	 	- -
9.9	92.4	t (Silicated Grey Dolomitic Marble - lt. to med.grey, f.	1	 		├			ļ		-
	 	t	to m.g.locally coarse. Somewhat mottled. Diop. a darker grey patches. Finely dissem. py + po	[· 	 } .	• • • • • • • • • • • • • • • • • • • •	ļ	 	-}-
		-E	Fetid.	{	ļ		· 		• •		 .	-

METRE	S	SECTION	DESCRIPTION							ASSAY	S	
ROM	το	t _m ==	DESCRIPTION .	SAMPLE NO	FROM	TO	LENGTH			-3341		
2.4	96.0	-	Dolomitic Marble - similar to 82.0-89.9.							ļ. <u></u>		1_
			Zn mineralization - fleck at 92.7; 92.9-93.2			<u> </u>					<u> </u>	
			est. < % Zn. Finely dissem gr.							<u> </u>		1
		F [<u> </u>	
.0	96.7		Serpentinized Dolomitic Marble - pale greenish-grey.								1	<u> </u>
		F	f. to m.g. mottled. Traces of py + po. Calcitic									
			and serpentinized patches minor phlogopite.									
1		-	and serpentinized patches, minor phlogopite. Py + po content incr. slightly toward bottom of un	t.								
		[
	.,,,						1			1		
5.7	97.5		Banded Pyritic Calc. Silicate - dark brown to grey.						· · · · · · · · · · · · · · · · · · ·			7
			v.f.g.; finely banded py - po 10% finely dissem.								† · · · · ·	\top
,			Clots of Fe sulphide. Serp. alteration thruout			1						
		¶	unit. Faintly calcitic.		-						†	1
		∦t I ⊬	MILLS ENTITETA CHICICIES			†	1			 		+
		1		1		 	 			 		1
7.5	99.1	₩ 	Serpentinized Dolomitic Marble - similar to 96.0-96.	 		 				 	+	╁
		╂	Slight incr. in py + po. Occasional bands of fine		······	 	· 			 	 	+
		∄ ∣ ∦	laminated black pyritic calc. silicate. Calcite	<u>†</u>		 	1			 	 	+
		t		 		 	1			 	 	╁╌
		t	veinlets.	(-			 	 	+
		45		 							 	
0 1	100.4	#	Delemitic Markle 1t man	 		ļ <u>-</u>				}		┼
9.1	100.4	╊╏	Dolomitic Marble - lt.grey, m.g., slightly fetid.	∤		ļ	·			 	 	+
		⋠ l ⊩	Local calcification & serpentinization. Traces of	 		ļ					├	-
·		<u> </u>				 	╂			 	 	
				d		 	 				 	╂—
^ 4	100 0	∦ ∦	Charles Della della con la Constanti Della della				1					1
0.4	102.3	4 1 1	Grey Dolomitic and Grey Banded Dolomitic Marble - lt		L	ļ						—
	L	₽	to med.grey, f.g., sections fair banding. C.A.75°	90		ļ				ļ		
	<u> </u>	<u> </u>	Py & po finely dissem. (<\%). Short quite graphit rich sections w/slight incr. in Fe sulphides. Also	[C		<u> </u>	<u> </u>			<u> </u>	<u> </u>	<u> </u>
	<u> </u>	-∦` 	rich sections w/slight incr. in Fe sulphides. Also	•						<u> </u>	<u> </u>	<u> </u>
		1	v.f.g. Minor calcite. Gradational into next unit			<u> </u>			****	<u></u>		<u> </u>
	<u> </u>	<u> </u>			~	<u> </u>	1					<u> </u>
		_F N						·				1
2.3	107.3		<u>Calcitic Marble</u> - off buff-white, m.g., pitted surfa	te.								
			Minor phlog. sections. Minor py & po dissem.									
		<u>.</u> F [105.8-107.2 - pale green colour owing to incr.of									
		<u>.</u>	serp. Unit is becoming more dolom									
		<u>}</u>										
		I I										
				,, 			· · · · · · · · · · · · · · · ·					-

METRE	S To	SECTION	DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH		1	ASSAY	S	
				SAMPLE NO.	FNOR		CENOTH		1	Τ	1	1
0/.3	109.5	F -	Quartzite - smokey brown colour, v.f.g., somewhat				 			 	+	-
		t -	mottled. Patch of lt.grey-blue quartz. Intermixed are short sections of the serpentinized calcitic	 			 	<u> </u>			 	+-
		├ 	are short sections of the serpentinized calcitic				<u> </u>			·		
			to dolomitic marble, and within this is talc gypsu	1			ļ				-	
	· · · · · · · · · · · · · · · · · · ·	}	which is Irish green.				ļ			-		
									<u> </u>	 		
		k 1.							↓			
09.5	111.2	F 1	Grey Banded Dolomitic Marble - lt. to med.grey, f.to						<u> </u>			
			m.g., weak to fair banding. C.A. 70°-80°. Minor				ļ					
		}	calcite as narrow (cm scale) veinlets and bands.									
			Trace of phlog. Py + po dissem, 1%. Occasional									
		1 <u>t</u> [[serpentine bands and clots.									1
		F [
,									1			T
11.2	122.3	1	Grey to Grey Banded Dolomitic Marble w/Minor Interla	vered Si	licate	s						1
		\$F	med.grey, f.g., faint to weak banding, though very					-		1	1	
		t	irregular and contexted CA wariable Dr. 4 no						 	1		1
		f	irregular and contorted. C.A. variable. Py + po finely dissem. 1%. Irregular swirls and patches			·			+	-	 	+
	<u> </u>	!	and names hands of						1	1.	 	+
	 `	1 1 1	and narrow bands of: I) diopside				 		}	 	 	1
•		t	decreasing 2) calcite			<u> </u>	 		 	 	 	+-
		t	decreasing 2/ carcite							+	 	+
,		4	abundance 3) graphitic-rich calc. silicate				·			 	 	+
	ļ	1	4) serp'n and calcite						· 	 		+
	ļ	#	5) phlogopite				} -			·		+
	ļ <u> </u>	#	Get occasional ovoids of quartz. Short sections o				ļ		-		 	
		<u>-</u> t	unit are weakly fetid. Flecks of sphalerite at						·		 	
·····	ļ	4	112.2, 112.4 and 113.8.			·					 	
	<u> </u>	1										
***		.}}							 			↓
22.3	124.4	. 	Silicated Dolomitic Marble - off grey-white to very						<u> </u>			
	<u> </u>	<u>.</u> lt	lt.grey, f. to m.g., somewhat mottled, fetid.									
		<u>.</u> [Darker grey patch of diopside. <10% with a section				<u> </u>	•				
	<u> </u>		123.1-123.6 which is >60% diop. Clotty py + po 1%						<u> </u>			
	<u> </u>	<u>.</u>	dissem. Minor serp. patches.									
		<u>"L</u>										
24.4	126.2	1 1	Grey Banded Dolomitic Marble - lt. to med. grey, f.							L		
		T	Grey Banded Dolomitic Marble - lt. to med. grey, f. to m.g., fair banding. C.A. 80°-85°. Minor narro seams (mm scale) of phlog. Finely dissem. py + po < 5%.	V								
		<u> </u>	seams (mm scale) of phlog Finely dissem ny + po						1			
		T	<2%.									
	1	†					1		1			1-
	· 	-					†		† • • • • • • • • • • • • • • • • • • •			f
	i						l		I			-

ST	ST JOSEPH EXPLORATIONS LIMITED DRILL LOG HOLE NO. 8-72									SHEET OF 6 8					
METR	ES To	SECTION	DESCRIPTION	SAMPLE NO	o. FROM	TO	LENGTH		ASSAY	'S					
126.2	126.6	-	Dolomitic Marble - buff-white, f. to m.g., weakly silicated and calcitic. Minor phlog, and assoc. serp. alter'n. Clots of py, random.												
126.6	134.4		Grey Dolomitic Marble - med. to dark grey, f.g., fair occasional banding. Random minor patches and swirls of diop, calcite and serp'n. Occasional phlog. seams. Gradational into next units. Flecks of sphalerite at 126.7, 129.5 and 130.2.												
134.4	155.4		Interlayered Grey Dolomitic Marble and Diopside-Quart Interlayering of: a) A greater percentage of the unit is a variable grey dol. marble which is generally med.grey, f.g. w/finely dissem. py - po (1%). Sections in the dol. are weakly silicated w/minor diop patches - serp. alter'n. Rarely find scatter quartz grains. Quite a bit of the grey dol. marble is phlogopitic. The phlog. occuring a narrow seams and lenses. The phlog can be up to 20% in the dol. marble. b) Variable coloured v.f.g. diop. pale green three to dark brownish-grey. Diopside occuring free quently as cm scale bands and can be assoc. w quartz or v.finely laminated calc.silicate or w/phlog. section. Po + py is dissem. Bands quartz diopside rock 135.9-136.7. c) v.finely laminated calc.silicate, dark browning grey to grey. Py - po finely dissem. Bands of calc.sil. narrow (mm & cm scales). Iocally quite graphitic. There is a very complex intermixing of the grey domarble with diop. and phlog. Impossible to break a units. Gradational into next unit.	minor	Calc, Si	licate	Rock								
155.4	166.0		Grey Dolomitic Marble - lt. to med.grey, f. to m.g. Somewhat mottled. Patches and swirls of calcite 10 Minor darker grey patches of diop. occas. assoc. serp'n. Narrow seams of phlog. Py - po finely dissem. <1%.	%.											

		SECTION	DESCRIPTION					ASSAYS			
	i* =		SAMPLE NO.	FROM	TO	LENGTH		·			
6.0	167.8		<u>Serpentinized Rock</u> - Dark green, soft. Variable gre	n	ļ		·	· ·	·		+
		<u> </u>	colour patch of serp. w/assoc. calcite. Minor phlo	y	ļ	ļ	 		 	·	- -
		[-	and anhydrite. Possibly some evaporite.				 		·	· 	
		ļ !			<u> </u>	<u> </u>			- 		- -
. 8	169.4		Calcitic Marble - buff-white to salmon pink, m.g.				 			+	+
		t 1	Pitted slightly. Alter'n patches of serp pale				 			 	+
_ "		f	riced brightly. After it pateries of serp pare	Teem	 				·	 	十
		F			 				·	 	十
9.4	169.9		Silicate Dolomitic Marble - lt.grey, f. to m.g.								Т
······	- · · · · ·		Somewhat calcitic, Dissem, py + po 1%. Darker gr	v							I
			sections pred. diop. w/serp'n alter'n.								floor
		lt									\perp
•		JF			<u> </u>	ļ				<u> </u>	丄
9.9	172.5		Grey Banded Dolomitic Marble - med.grey, f. to m.g.		 		<u> </u>				_
	ļ	<u> </u>	weak to fair banding. C.A. 75°-85°. Throughout		ļ	ļ	ļ		<u> </u>	 	+
	ļ	!	the unit serpentinization prevails. Minor calcite						<u> </u>		╀
		F	as irreg. seamlets and patches. Very finely disser	-	 	ļ	 		 	├ ──	+
	 	{	py <1/2%.			<u> </u>	 		 	 	+
		t 1					 		 	 	+
2.5	174.8	╬	Interlayered Weakly Banded Diopside-Quartz Rock and	Olomiti	c Marh	1 6	 		 		+
		t 1	Interlayering of a v.f.g. buff-white to pale grey	O TOME CE	CMAID	<u> </u>			 	 	十
		16 1	diopside - minor quartz rock with a generally phlor	_	<u> </u>	<u> </u>	 			—	十
		1F	opitic and pyritic (2-3%) lt.grev. f. to m.g. dolor	itic							T
]	opitic and pyritic (2-3%) lt.grey, f. to m.g. dolor marble. The diopside-quartz rock is weakly banded								I
		<u>)</u>	The dol. marble has sections within it that are								
		<u>l</u>	quite calcitic. (pinkish calcite grains). The dol								\perp
	ļ		marble has minor diop.				<u> </u>				丰
	ļ	#	Gradational into next unit.	ļ			 		ļ	ļ	- -
	ļ	4 1	·		ļ				 	 	╁
.8	180.8	dt l	Calcitic Marble - off-white to buff, pitted surface.	}			 		 	 	-}-
	1200	1	f. to m.g. Sections within are somewhat dolomitic				 		 	 	╌
	 	∄ │	and are also serpentinized. Specks of py + po		· · · ·		 		 	 	-
	 	1	throughout				 		 		+
,	1	†	throughout. 180.0-180.6 - get highly altered and crumbly sect	ion	<u> </u>		 		 	 	-
	 	1	TANE AT TANE A TO THE THE TANE TO THE TANE		†						-
		1			 		1			 	+
		T									-
	1	¬r		I	T	T	T		·		1

ST JOSE	PH EX	PLORATIONS LIMITED DRILL LOG	H	OLE	NO	S-72	-			SHEET_	^ of 8
METRES	SECTION	DESCRIPTION							ASSAY	'S	
ROM TO	l"=	DESCRIPTION .	SAMPLE NO.	FROM	TO	LENGTH					
30.8 186.0		Quartzite -		<u> </u>	<u> </u>	 		ļ		<u> </u>	
	F	180.8-182.0 - get a severe gypsum(?) serpentine and calcite alteration that graduall fades at depth into a cleaner pinkis		ļ	ļ	<u> </u>		ļ	<u> </u>	<u> </u>	
	ļ	and calcite alteration that graduall	<u></u>	 	ļ	ļ		<u> </u>			
	<u>t</u> 1	fades at depth into a cleaner pinkis	h		ļ			!	 	- 	_
	}	guartzite.			ļ	ļ		 			
	F .	182.0-186.0 - a pinkish to lt.grey quartzite with		<u> </u>	 	ļ		ļ		+	+
		serp'n specks random throughout.			ļ	 				+	╁
	lt l	The quartzite looks granitic in natu	re.		 	 		 			
	}	There is very finely dissem. py + po	1 2%-		 	 		 	 		+-
	f 1	.	 	 	 	ļ	-	 	 	1	+-
5.0	1	END OF HOLE	 	 	 	 		 	- 	 	+-
			 	 	 	1		1		- 	+-
,	∄	Casing pulled - no cement.			 			 	 		+
	1	Casing puried - no cement.		 	 			 	 	 	+
	t	Core lost - 180.8-181.2 - lost 0.1m			 	 		 	1	 	+-
	<u>t</u>	COLC 1036 - 100.0-101.2 - 1036 0.1111		·	 	<u> </u>		 	·	 	+
	#	Core recovery - 99.9%	#	 	<u> </u>				 		+
	T				 	1		 	1	1	+
	1				 						1
	<u>]</u>	a cot									\top
]F	CILKV									
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	<u>]</u>	11 6 016									
	<u>.</u> It	l Sov									$oldsymbol{ol}}}}}}}}}}}}}}}}}$
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